

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("5552925") or ("5323301")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/21 12:07
S2	1	10/566196	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 13:04
S3	29	lithograph\$4 and (consilvio.xa. or amari.xa.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 13:05
S4	52	lithograph\$4 and (consilvio.xa. or amari.xa. or amari.xp.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 13:05
S5	28	S4 and (aperture or diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 13:05
S6	18	S5 not holo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 13:06
S7	0	("2009/0021820").URPN.	USPAT	OR	ON	2009/10/13 16:42
S8	58	((BERNHARD) near2 (GELLRICH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 16:46
S9	40	((THOMAS) near2 (BISCHOFF)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 16:46
S10	4	((HERMANN) near2 (BIEG)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 16:46
S11	32	((MARTIN) near2 (HUBER)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 16:46
S12	1	((FRANCOIS) near2 (HENZELIN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 16:46
S13	1	((GERHARD) near2 (SZEKELY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 16:46
S14	12	((UY-LIEM) near2 (NGUYEN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 16:47

S15	4	((MARTIN) near2 (HUMPHRIES)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 16:47
S16	141	S8 S9 S10 S11 S12 S13 S14 S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 16:51
S17	7231122	aperture or slit or slot or orifice or window or hole or diaphragm or pinhole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 16:54
S18	10073576	plate or bowl or disc or panel or slab or stratum or sheet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 16:57
S19	5566592	arc or arcuate or curv\$5 or bend or bow or incurva\$4 or round or arcuate or circle or circular or spheric\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 16:58
S20	1068910	(plate or bowl or disc or panel or slab or stratum or sheet) with (arc or arcuate or curv\$5 or bend or bow or incurva\$4 or round or arcuate or circle or circular or spheric\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:01
S21	2	(S17 and S20).clm. and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:01
S22	1135	(359/233-236).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/13 17:05
S23	5146	(355/67,71).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/13 17:05
S24	552	S22 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:06
S25	259	S22 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:09
S26	741	S23 and S20 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:09

S28	2	("4027167" I "6445510").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 17:15
S29	0	WO-0231870-\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 17:18
S30	0	WO-02031870-\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 17:19
S31	0	WO-2002031870-\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 17:19
S32	0	WO-200231870-\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/13 17:20
S33	1	shutter near spheric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:25
S34	12	("2885128").URPN.	USPAT	OR	ON	2009/10/13 17:25
S35	7496144	aperture or slit or slot or orifice or window or hole or diaphragm or pinhole or shutter or iris	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:39
S36	572922	shutter or iris	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:39
S37	753	S23 and S20 and (S17 or iris or shutter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:39
S38	12	S37 not S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:39
S39	3394	(aperture or slit or slot or orifice or window or hole or diaphragm or pinhole or shutter or iris) near spheric\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:41
S40	844	(optic\$4) and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:44
S41	7231122	aperture or slit or slot or orifice or window or hole or diaphragm or pinhole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 11:14

S42	1068910	(plate or bowl or disc or panel or slab or stratum or sheet) with (arc or arcuate or curv\$5 or bend or bow or incurva\$4 or round or arcuate or circle or circular or spheric\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 11:14
S43	5146	(355/67,71).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/14 11:14
S44	753	S43 and S42 and (S41 or iris or shutter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 11:14
S47	7237321	aperture or slit or slot or orifice or window or hole or diaphragm or pinhole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/19 14:21
S48	1069638	(plate or bowl or disc or panel or slab or stratum or sheet) with (arc or arcuate or curv\$5 or bend or bow or incurva\$4 or round or arcuate or circle or circular or spheric\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/19 14:21
S49	5152	(355/67,71).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 14:21
S50	754	S49 and S48 and (S47 or iris or shutter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/19 14:21
S51	17	(US-20090244531-\$).did. or (US-7210795-\$ or US-5356035-\$ or US-5451780-\$ or US-4047807-\$ or US-7126766-\$ or US-6927924-\$ or US-4018527-\$ or US-3982825-\$).did. or (US-2885128-\$ or US-3121265-\$ or US-3041929-\$ or US-3041928-\$ or US-2735929-\$ or US-2695547-\$ or US-2553622-\$ or US-2465578-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/19 16:33

S52	173	("1302359" "20030063264" "20060203210" "2049556" "2060503" "2228479" "2780395" "2885128" "2914987" "2944477" "2949076" "2961132" "3099365" "3100589" "3132576" "3209143" "3259733" "3299773" "3339810" "3346737" "3357605" "3365724" "3366006" "3409009" "3435804" "3458254" "3463364" "3467287" "3469094" "3494515" "3500049" "3643435" "3651998" "3655963" "3698797" "3754824" "3768888" "3785265" "3884568" "3885859" "3905701" "4091965" "4128752" "4199247" "4213051" "4240298" "4589751" "4612440" "4657139" "4792054" "4838457" "4978030" "5058778" "5161238" "5177639" "5212589" "5276552" "5339123" "5343331" "5364493" "5424552" "5592335" "5638223" "5691853" "5884110" "5955243" "5997187" "6239923" "6554502" "6560012" "6724546" "6867932" "7085032").PN. OR ("2009/0244531" "2465578" "2553622" "2695547" "2735929" "2885128" "3041928" "3041929" "3121265" "3982825" "4018527" "4047807" "5356035" "5451780" "6927924" "7126766" "7210795").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/19 16:33
S53	21	("3183776" "3433142" "3571588" "4018527" "4199247" "4257086" "4435075" "4893225" "5072249" "5073847" "5207494" "5323301").PN. OR ("6102554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/19 16:41
S54	22	"4410865"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/19 16:56
S55	1	("4410865").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 16:57

S56	1	("5323301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 17:03
S57	13	("1045063" "2735929" "3930149" "3944320" "4048493" "4620791" "4893225" "5029050" "5130913").PN. OR ("5323301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/19 17:03
S58	1	("5323301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 17:26
S59	1	("5323301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/20 15:09
S60	1	10/566196	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 15:31
S61	19	solid near state near articulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 16:21
S62	8	(aperture or slit or slot or orifice or window or hole or diaphragm or pinhole or shutter or iris) and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 16:24
S63	19	solid near state near articulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 10:46
S64	8	(aperture or slit or slot or orifice or window or hole or diaphragm or pinhole or shutter or iris) and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 10:46
S65	28	(US-20090244531-\$).did. or (US-7210795-\$ or US-5356035- \$ or US-5451780-\$ or US- 4047807-\$ or US-7126766-\$ or US-6927924-\$ or US-4018527- \$ or US-3982825-\$ or US- 7497595-\$ or US-7085032-\$ or US-6102554-\$ or US-6912097- \$ or US-6565233-\$ or US- 5073847-\$ or US-5072249-\$ or US-5526966-\$ or US-5323301- \$ or US-5161238-\$).did. or (US- 2885128-\$ or US-3121265-\$ or US-3041929-\$ or US-3041928- \$ or US-2735929-\$ or US- 2695547-\$ or US-2553622-\$ or US-2465578-\$ or US-1302359-	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 10:46

		\$.did.				
S66	48549	((solid near state near articulation) or (MEMS or MOMS or MOEMS or MEOMS or DMS or DMD or GLV or High?Q) or ((torsion\$4 or swing\$3)) or (micromechanic\$4 or microelectromechanic\$4 or micro?mechanic\$4 or micro?mechanic\$4 or micro?electromechanic\$4 or microelectro?mechanic\$4 or micro?electro?mechanic\$4)) with (aperture or diaphragm or shutter or iris)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:00
S67	5153	(355/67,71).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/21 11:02
S68	1135	(359/233-236).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/21 11:02
S69	181	S66 and (S67 or S68)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:02
S70	1043	S66 same (spher\$4 or spheric \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:04
S71	10	S70 and lithograph\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:04
S72	141	S69 and (diaphragm or shutter or iris)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:17
S73	1	("4564836").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/21 11:33
S74	0	S73 and S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:35
S75	0	S73 and electromech\$ and shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:35

EAST Search History (Interference)

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10/21/2009 12:20:10 PM

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